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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/760,513	01/20/2004	Franklin Thomas Driver	ITI-346C (501170.20403)	1493

7590 12/15/2004

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EXAMINER


LAGMAN, FREDERICK LYNDON

ART UNIT PAPER NUMBER

3673

DATE MAILED: 12/15/2004

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary	Application No.	Applicant(s)	
	10/760,513	DRIVER, FRANKLIN THOMAS	
	Examiner	Art Unit	
	Frederick L. Lagman	3673	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☐ Responsive to communication(s) filed on ____.
- 2a) ☐ This action is FINAL. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-29 is/are pending in the application.
- 4a) Of the above claim(s) ____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) ____ is/are allowed.
- 6) ☒ Claim(s) 1-29 is/are rejected.
- 7) ☐ Claim(s) ____ is/are objected to.
- 8) ☐ Claim(s) ____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☒ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 20 January 2004 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. ____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- * See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413)
Paper No(s)/Mail Date. ____. |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| 3) <input checked="" type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date <u>1/20/04</u> . | 6) <input type="checkbox"/> Other: ____. |

DETAILED ACTION

Specification

1. The disclosure is objected to because of the following informalities: page 1, paragraph 1, the status of cited applications should be updated i.e. now U.S. Patent No. and/or now abandoned.

Appropriate correction is required.

Claim Rejections - 35 USC § 103

2. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

3. Claims 1-8, 10, 16-22, and 24 are rejected under 35 U.S.C. 103(a) as being unpatentable over Driver et al #6,708,728 in view of Kiest Jr. #5,816,293. Driver et al discloses the claimed invention except for the pressurized bladder cannister. Kiest Jr teaches that it is known to provide a pressurized bladder canister 82 as set forth at column 6, lines 6-17. It would have been obvious to one having ordinary skill in the art at the time the invention was made to provide a pressurized bladder canister, as taught by Kiest Jr. in order to facilitate installation of a pipeline liner.

4. Claims 9, 11, 23, and 25 are rejected under 35 U.S.C. 103(a) as being unpatentable over Driver et al in view of Kiest Jr. as applied to claims 1 and 16 above, and further in view of Shishkin et al #4,758,115. Driver et al as modified by Kiest Jr. discloses the claimed invention except for the spool. Shishkin et al teaches that it is

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known to provide a spool 25 within a pressurized canister 19 for installing a liner as set forth at column 7, lines 41-53. It would have been obvious to one having ordinary skill in the art at the time the invention was made to provide a spool within a pressurized bladder canister, as taught by Shishkin et al in order to facilitate installation of a pipeline liner. As to the motor, it would have been obvious to one of ordinary skill in the art to provide a motor for a spool or drum or reel so as to facilitate loading or unloading of the spool.

5. Claims 12-15 and 26-29 are rejected under 35 U.S.C. 103(a) as being unpatentable over Kiest Jr. in view of Shishkin et al #4,758,115. Kiest Jr. discloses the claimed invention except for the spool. Shishkin et al teaches that it is known to provide a spool 25 within a pressurized canister 19 for installing a liner as set forth at column 7, lines 41-53. It would have been obvious to one having ordinary skill in the art at the time the invention was made to provide a spool within a pressurized bladder canister, as taught by Shishkin et al in order to facilitate installation of a pipeline liner. As to the motor, it would have been obvious to one of ordinary skill in the art to provide a motor for a spool or drum or reel so as to facilitate loading or unloading of the spool.

Conclusion

6. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.


7. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Frederick L. Lagman whose telephone number is 703-

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305-7456. The examiner can normally be reached on Monday-Friday 9:00am to 5:30pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Heather Schackelford can be reached on 703-308-2978. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).


Frederick L. Lagman
Examiner
Art Unit 3673

FLL